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<u>L10</u>	l5 and l8	14	<u>L10</u>
<u>L9</u>	l5 and l7	261	<u>L9</u>
<u>L8</u>	vinylidene same fluoride hexafluoropropylene same copolymer	2046	<u>L8</u>

<u>L7</u>	lubricant	217408	<u>L7</u>
<u>L6</u>	l4 and L5	37	<u>L6</u>
<u>L5</u>	l1 and l2 and l3	2428	<u>L5</u>
<u>L4</u>	process same single site same catalyst	557	<u>L4</u>
<u>L3</u>	polypropylene	286356	<u>L3</u>
<u>L2</u>	spunbonded same (nonwoven or non-woven or unwoven or un-woven)	3191	<u>L2</u>
<u>L1</u>	fabric or textile	418030	<u>L1</u>

END OF SEARCH HISTORY

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NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
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NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer available
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NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in CA/CAplus

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FILE COVERS 1907 - 3 Feb 2004 VOL 140 ISS 6
FILE LAST UPDATED: 2 Feb 2004 (20040202/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s fabric or textile
    91438 FABRIC
    83005 FABRICS
    126461 FABRIC
        (FABRIC OR FABRICS)
    76023 TEXTILE
    97996 TEXTILES
    128284 TEXTILE
        (TEXTILE OR TEXTILES)
L1      199435 FABRIC OR TEXTILE

=> s polypropylene
    141017 POLYPROPYLENE
    1896 POLYPROPYLENES
L2      141221 POLYPROPYLENE
        (POLYPROPYLENE OR POLYPROPYLENES)

=> s spunbonded or spun-bonded
    618 SPUNBONDED
    1 SPUNBONDEDS
    618 SPUNBONDED
        (SPUNBONDED OR SPUNBONDEDS)
    40365 SPUN
    3 SPUNS
    40366 SPUN
        (SPUN OR SPUNS)
    152024 BONDED
    1 BONDEDS
    152024 BONDED
        (BONDED OR BONDEDS)
    372 SPUN-BONDED
        (SPUN (W) BONDED)
L3      963 SPUNBONDED OR SPUN-BONDED
```

=> s process (l)single site catalyst
1897071 PROCESS
1245706 PROCESSES
2812598 PROCESS
(PROCESS OR PROCESSES)
1085631 SINGLE
2637 SINGLES
1087888 SINGLE
(SINGLE OR SINGLES)
501970 SITE
466394 SITES
822997 SITE
(SITE OR SITES)
647300 CATALYST
651597 CATALYSTS
828958 CATALYST
(CATALYST OR CATALYSTS)
628 SINGLE SITE CATALYST
(SINGLE(W) SITE(W) CATALYST)
L4 92 PROCESS (L) SINGLE SITE CATALYST

=> s vinylidene(l) (fluoride hexafluoropropylene) (l)copolymer
32795 VINYLIDENE
96 VINYLIDENES
32822 VINYLIDENE
(VINYLIDENE OR VINYLIDENES)
226369 FLUORIDE
42742 FLUORIDES
241314 FLUORIDE
(FLUORIDE OR FLUORIDES)
6308 HEXAFLUOROPROPYLENE
2 HEXAFLUOROPROPYLENES
6308 HEXAFLUOROPROPYLENE
(HEXAFLUOROPROPYLENE OR HEXAFLUOROPROPYLENES)
502 FLUORIDE HEXAFLUOROPROPYLENE
(FLUORIDE(W) HEXAFLUOROPROPYLENE)
516095 COPOLYMER
172387 COPOLYMERS
561844 COPOLYMER
(COPOLYMER OR COPOLYMERS)
L5 398 VINYLIDENE(L) (FLUORIDE HEXAFLUOROPROPYLENE) (L) COPOLYMER

=> s lubricant
60659 LUBRICANT
67379 LUBRICANTS
L6 92147 LUBRICANT
(LUBRICANT OR LUBRICANTS)

=> s l1 and l2 and l3
L7 406 L1 AND L2 AND L3

=> s l5 and l7
L8 0 L5 AND L7

=> s l7 and l6
L9 8 L7 AND L6

=> s l7 and l4
L10 1 L7 AND L4

=> d l9 1-8 bib,abs

L9 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:748224 CAPLUS

DN 137:264333
 TI Composite sheets for ink-jet printing **fabric**s with good ink absorption properties and printability comprising composites having a **fabric** adhered to a reinforcing release layer by an adherable thermoplastic elastomer fiber nonwoven **fabric**
 IN Hatta, Nobuo
 PA Kuraray Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|------|----------|-----------------|----------|
| PI | JP 2002285482 | A2 | 20021003 | JP 2001-86593 | 20010326 |
| PRAI | JP 2001-86593 | | 20010326 | | |

AB The ink-jet printing composite sheets (A) comprise a **fabric** adhered to a reinforcing layer by sandwiching an adherable thermoplastic elastomer fiber nonwoven **fabric** between the **fabric** and the reinforcing layer, or the composite sheets comprise A composite sheets having the **fabric** comprising a polyester **fabric**, or the composite sheets comprise A composite sheets having the thermoplastic elastomer fiber nonwoven **fabric** comprising a melt-blown nonwoven **fabric**, or the composite sheets comprise A composite sheets having the reinforcing layer comprising a **spunbonded** polyolefin nonwoven **fabric** exhibiting stress (S) .gt;req.1.0 kg/5 cm at stretch 10%, or the composite sheets comprise A composite sheets having the thermoplastic elastomer fiber nonwoven **fabric** comprising a hydrophilized nonwoven **fabric**. A melt-blown nonwoven **fabric** of spun fibers from a blend comprising 60 parts polystyrene-type rubber (Septon) and **polypropylene** (I) and a **spunbonded** I fiber nonwoven **fabric** with S 1.5 kg/5 cm were together embossed at roll temp. 100.degree. and calendered with a woven pongee of PET fibers at calender roll temp. 140.degree. to give a composite sheet showing air permeation rate 2.5 cm³/cm²-s. The composite sheet was ink-jet printed to give a printed **fabric** exhibiting slight oozing of the ink in the printed portion and showing strength of bonding between the **fabric** and the reinforcing release layer 1.3 kg/5 cm and good release properties of the reinforcing layer..

L9 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:220888 CAPLUS
 DN 136:248996
 TI **Spunbonded** and melt-blown multilayer **polypropylene** nonwoven **fabric** for absorbent medical sheets
 IN Ishikawa, Masahide; Kurahashi, Akihiko
 PA Idemitsu Unitech Co., Ltd., Japan
 SO PCT Int. Appl., 24 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|--|----------|-----------------|----------|
| PI | WO 2002022933 | A1 | 20020321 | WO 2001-JP8051 | 20010917 |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

JP 2002088633 A2 20020327 JP 2000-282065 20000918
 AU 2001088051 A5 20020326 AU 2001-88051 20010917
 EP 1327713 A1 20030716 EP 2001-967702 20010917
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRAI JP 2000-282065 A 20000918
 WO 2001-JP8051 W 20010917
 AB Title multilayer nonwoven **fabric**, contg. both **spun-bonded** and melt-blown **polypropylene** nonwoven
fabric layers, is characterized by the flexural rigidity/softness (JIS L 1096 6. 19.1 A with 45.degree.-cantilever method) of 70-120 mm and the static friction coeff. of the **spun-bonded** **fabric** 0.1-0.4. The nonwoven **fabric** is suitable for the uses as disposable diapers and sanitary napkins.
 RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L9 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:924065 CAPLUS
 DN 136:42923
 TI **Spunbonded** nonwoven **fabrics** containing polyolefin resins for absorbent article
 IN Ishikawa, Masahide
 PA Idemitsu Unitech Co., Ltd., Japan; Kurahashi, Akihiko
 SO PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2001096641 | A1 | 20011220 | WO 2001-JP4984 | 20010613 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | JP 2002069820 | A2 | 20020308 | JP 2000-188726 | 20000623 |
| | JP 2002038364 | A2 | 20020206 | JP 2000-225657 | 20000726 |
| | AU 2001064259 | A5 | 20011224 | AU 2001-64259 | 20010613 |
| | EP 1357216 | A1 | 20031029 | EP 2001-938623 | 20010613 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR | | | | |
| | US 2003181112 | A1 | 20030925 | US 2003-297596 | 20030516 |
| PRAI | JP 2000-176508 | A | 20000613 | | |
| | JP 2000-188726 | A | 20000623 | | |
| | JP 2000-225657 | A | 20000726 | | |
| | WO 2001-JP4984 | W | 20010613 | | |
| AB | Disclosed is a spunbonded nonwoven fabric which is made of a polyolefin resin and has an av. fiber diam. of 5-60 .mu.m, a basis wt. of 5-200 g/m ² , and a coeff. of static friction of 0.1-0.4; or a spunbonded nonwoven fabric which is made of a polypropylene resin and has a bending resistance [sum of the values for the longitudinal and transverse directions as obtained according to JIS L 1096, 6.19.1, method A (45.degree. cantilever method)] of 70-120 mm and a coeff. of static friction of 0.1-0.4. The nonwoven fabric is suitable for use in an adsorbent, e.g. a disposable diaper, an incontinence pad, or a sanitary napkin. A nonwoven fabric was prep'd. from cryst. polypropylene resin, erucic acid amide lubricant , and preservatives. | | | | |

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:924064 CAPLUS
DN 136:58873
TI Nonwoven-fabric laminate containing polyolefin resins and use thereof
IN Ishikawa, Masahide; Kurahashi, Akihiko
PA Idemitsu Unitech Co., Ltd., Japan
SO PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|--|----------|-----------------|----------|
| PI | WO 2001096640 | A1 | 20011220 | WO 2001-JP4983 | 20010613 |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| | JP 2001355173 | A2 | 20011226 | JP 2000-176627 | 20000613 |
| | AU 2001064258 | A5 | 20011224 | AU 2001-64258 | 20010613 |
| | EP 1298240 | A1 | 20030402 | EP 2001-938622 | 20010613 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | |
| | US 2003181119 | A1 | 20030925 | US 2003-297594 | 20030506 |
| PRAI | JP 2000-176627 | A | 20000613 | | |
| | WO 2001-JP4983 | W | 20010613 | | |
| AB | Disclosed is a nonwoven-fabric laminate which comprises a spunbonded nonwoven polyolefin resin fabric having an av. fiber diam. of 5-60 .mu.m and superposed thereon a moisture-permeable water-proofing material (a melt-blown nonwoven fabric, microporous resin film, etc.) and in which the spunbonded nonwoven fabric side has a coeff. of static friction of 0.1 to 0.4. A polypropylene spunbonded nonwoven fabric contg. erucic acid amide lubricant was laminated with polypropylene melt-blown nonwoven fabric (Microflex PC 0020). | | | | |

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:545937 CAPLUS
DN 135:108571
TI Spunbonded nonwoven fabrics comprising polypropylene fibers with reduced surface coarseness and laminates of the nonwoven fabrics with meltblown nonwoven fabrics therefrom
IN Toriumi, Michio
PA Mitsui Chemicals, Inc., Japan
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------------|-------|-------|-----------------|-------|
| | ----- | ----- | ----- | ----- | ----- |

PI WO 2001053585 A1 20010726 WO 2000-JP219 20000119
 W: CA, JP, US
 PRAI WO 2000-JP219 20000119
 AB The nonwoven **fabrics** comprise **spunbonded** nonwovens (A) comprising fibers comprising **polypropylene** (I) and having fiber diam. 0.8-2.8 denier, av. frictional coeff. (MIU) 0.1-0.3, thickness uniformity value ≤ 0.8 , water resistance ≥ 60 mmH₂O, and air permeation rate ≤ 480 mL/cm²-s, or the nonwoven **fabrics** comprise **spunbonded** nonwovens (B) comprising fibers spun from compns. comprising 99.995-99.7% I showing ratio (Mw/Mn) of wt.-av. mol. wt. to no.-av. mol. wt. 1-3.5 as detd. by the gel permeation chromatog. and exhibiting melt flow rate (MFR; ASTM D 1238) at 230.degree. and load 2.16 kg 0.01-300 g/10 min, and 0.005-0.3% hexafluoropropylene-vinylidene fluoride copolymer (II), or the nonwoven **fabrics** comprise A or B **spunbonded** nonwovens having I prepd. using single-site catalysts. The nonwoven **fabrics** are useful for diapers, sanitary napkins, disposable undergarments, and bags for laundries and cosmetics. A compn. comprising metallocene-catalyzed I with MFR 30 g/10 min, m.p. 149.degree., crystn. temp. 108.degree., and Mw/Mn 2.8 and 0.04% (as II) Dynamar FX-9613 (lubricant contg. II 90, talc 6, CaCO₃ 2, silicon oxide 2%) was melt spun, suctioned at 3900 m/min, and piled on a screen belt to give a **spunbonded** nonwoven **fabric** comprising fibers with diam. < 2.5 and exhibiting MIU (KES-SE friction tester) < 0.27 , thickness uniformity value < 0.71 as detd. by a specified testing, water resistance (JIS L-1092) > 65 mmH₂O, and air permeation rate 430 mL/cm²-s and showing soft touch rating (10 panelists) ≥ 7 panelists.
 RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:304218 CAPLUS
 DN 128:322824
 TI Compositions for permanent hydrophilic treatment of polyolefin fibers
 IN Dzen, Zang-ju; Wild, Christine
 PA Schill & Seilacher G.m.b.H. & Co., Germany
 SO Eur. Pat. Appl., 11 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|------------------|----------|
| PI | EP 839947 | A2 | 19980506 | EP 1997-118710 | 19971028 |
| | EP 839947 | A3 | 19980819 | | |
| | EP 839947 | B1 | 20031029 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO | | | | |
| | DE 19645380 | A1 | 19980507 | DE 1996-19645380 | 19961104 |
| PRAI | DE 1996-19645380 | A | 19961104 | | |
| OS | MARPAT 128:322824 | | | | |
| AB | The title compns., esp. spinning preps., which give good cohesion and static resistance, contain 15-75% nonionic surfactants and 85-25% quaternary ammonium compds. and/or polysiloxanes of specified structure. A mixt. of fatty acid esters of ethoxylated MeOH 31.5, bis(2-carboxyethyl)(2-hydroxyethyl)methylammonium methosulfate bis(palm oil acid) ester 48.5, ethoxylated castor oil (cohesion agent) 10, and polyethylene glycol fatty acid ester (emulsifier-lubricant) 10% was applied as a 10% aq. dispersion to a spun-bonded polypropylene fiber fleece, giving a product with hydrophilicity (Mahlo) test rating 60 units and sink time 7.8 s; vs. 35 and 3.8, resp., for untreated fleece. | | | | |

L9 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:214566 CAPLUS

DN 128:271671
 TI Method for manufacture of nonwoven **fabrics** containing long
 fibers
 IN Fujiwara, Toshikatsu; Terakawa, Yasuki; Sugawara, Shigeyuki
 PA Chisso Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 15 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | JP 10088459 | A2 | 19980407 | JP 1996-240747 | 19960911 |
| PRAI | JP 1996-240747 | | 19960911 | | |

AB The title **fabrics** with good flexibility and fiber-adhesion strength even at low temp. are manufd. by laying **spun-bonded** core-sheath fibers on a continuous screen conveyor while vacuuming from the back side of the conveyor, then pressing the resulting long-fiber fleece between a nip of emboss roll and flat roll to create point-bonded areas where a mixt. of olefin copolymers (e.g., ethylene-propylene copolymer) or terpolymers (e.g., butene-ethylene-propylene copolymer) having low m.p. or softening point with 2-20% hydrocarbon-based **lubricants** and a cryst. thermoplastic resin (e.g., **polypropylene** and PET polyester) are used as a 1st component and a 2nd component of the core-sheath fibers, resp.

L9 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:251054 CAPLUS
 DN 126:278936
 TI Disposable nonwoven wiping sheets for mops with good dust adsorption and dust retention properties
 IN Inaba, Mihoko; Sakamoto, Noryuki; Kashiwada, Toshinobu
 PA Lion Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | JP 09066014 | A2 | 19970311 | JP 1995-248756 | 19950901 |
| PRAI | JP 1995-248756 | | 19950901 | | |

AB The wiping sheets are prep'd. by laminating one or two sides of nonwoven **fabrics** of long fibers with webs comprising hydrophilic fibers and crimpable synthetic fibers (A) to form sheets contg. A fibers having three-dimensional crimps. The materials are optionally treated with dust-control agents comprising 95-70% **lubricants** and 5-30% surfactants to form laminates contg. 1-20% dust-control agents. A **spunbonded** nonwoven **fabric** was laminated on two sides with a carded web comprising 80% spun bicomponent fibers from ethylene-propylene copolymer and **polypropylene** and 20% rayon fibers, sprayed with H₂O at 50 kg/cm² on two sides, dried, and sprayed with a compn. contg. 85% liq. paraffin and 15% polyoxyethylene C12-13-alkyl ether to give a nonwoven sheet contg. 5% dust-control agent and exhibiting good dust adsorption and dust retention properties and good polishing agent absorption and coating properties.

=> d 110 bib,abs

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1995:713695 CAPLUS
 DN 123:85829
 TI Polyolefin fibers, method of production and **fabrics** from

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| AB | Title fibers comprise reactor-grade polyolefins produced by single-site catalysis. Polyolefins with a melt flow rate of .1toreq.5000 dg/min and MWD of 1.0-3.5 was also claimed. Isotactic polypropylene with MFR 40 produced using a metallocene catalyst, (catalyst prepns. given) was spun at 2000 m/min to give fibers with tenacity of 3.54 g/denier, compared to 1.51 g/denier for a fiber prepnd. from Ziegler-Natta catalyst-produced polypropylene with MFR 35 spun at 2000 m/min. Spun-bonded and melt blown webs were manufd. using polypropylene produced by single-site catalysis giving improved web strength and better air filtration properties. | | | | |